

Application No. 09/975,102
Office Action dated 7/7/04

AMENDMENTS TO THE CLAIMS:

1. (Currently amended) A cellular phone for interchanging information with a base station included in a mobile communication system by radio, said cellular phone comprising:

a circuit board having a major surface;

a memory for storing data relative to ringtone and music sound;

a first speaker mounted to the circuit board and adapted to be placed adjacent a user's ear when the user converses on the phone, the first speaker for selectively outputting a received speech from a calling party or a sound;

a second speaker for outputting the sound, the second speaker mounted to the circuit board ~~and spaced from the first speaker to implement a stereophonic effect;~~

a spacing separating the first and second speakers at opposing ends of the circuit board major surface so that the first and second speakers may cooperate to implement a stereophonic effect for the sound; and

a controller comprising first and second switching, the first switching for controlling output of the received speech from the first speaker, and the second switching for controlling output of sound from said first speaker and said second speaker in accordance with sound setting selected beforehand.

2. (Original) The phone as claimed in claim 1, wherein the sound setting is to cause said first speaker to output a received speech or to cause said first speaker to output sound.

3. (Original) The phone as claimed in claim 2, further comprising:

a received speech amplifier and a sound amplifier connected to said first speaker for amplifying a received speech and sound, respectively; and

a sound amplifier connected to said second speaker for amplifying sound.

4. (Original) The phone as claimed in claim 3, wherein when said first speaker is assigned to a received speech, said controller causes a call incoming signal to be input only to said sound amplifier connected to said second speaker.

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5. (Original) The phone as claimed in claim 4, wherein during conversation, said controller causes a received speech signal to be input only to said sound amplifier connected to said first speaker.

6. (Previously presented) The phone as claimed in claim 5, wherein the memory further comprises a speech memory for storing speech data, wherein said controller causes, when said speech data should be reproduced, a speech signal to be input to said sound amplifier connected to said first speaker and said sound amplifier connected to said second speaker.

7. (Original) The phone as claimed in claim 6, further comprising:
a radio section for interchanging information with a remote station via an antenna;
a memory for storing data;
a signal processor for executing preselected processing with a signal received via said radio section or reading data out of said memory to thereby generate a signal corresponding to said data; and
a digital-to-analog converter for digitizing an output signal of said signal processor and delivering a resulting digital signal to said controller.

8. (Original) The phone as claimed in claim 3, wherein when said first speaker is assigned to sound, said controller causes a call incoming tone signal to be fed to said sound amplifier connected to said first speaker and said sound amplifier connected to said second speaker.

9. (Original) The phone as claimed in claim 8, wherein said controller causes a volume of the call incoming signal output from said first speaker to increase stepwise.

10. (Original) The phone as claimed in claim 1, further comprising:
a received speech amplifier and a sound amplifier connected to said first speaker for amplifying a received speech and sound, respectively; and
a sound amplifier connected to said second speaker for amplifying sound.

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11. (Original) The phone as claimed in claim 10, wherein when said first speaker is assigned to a received speech, said controller causes a call incoming signal to be input only to said sound amplifier connected to said second speaker.
12. (Original) The phone as claimed in claim 11, wherein during conversation, said controller causes a received speech signal to be input only to said sound amplifier connected to said first speaker.
13. (Previously presented) The phone as claimed in claim 12, wherein the memory further comprises a speech memory for storing speech data, wherein said controller causes, when said speech data should be reproduced, a speech signal to be input to said sound amplifier connected to said first speaker and said sound amplifier connected to said second speaker.
14. (Previously presented) The phone as claimed in claim 13, further comprising:
a radio section for interchanging information with a remote station via an antenna;
a signal processor for executing preselected processing with a signal received via said radio section or reading data out of said memory to thereby generate a signal corresponding to said data; and
a digital-to-analog converter for digitizing an output signal of said signal processor and delivering a resulting digital signal to said controller.
15. (Original) The phone as claimed in claim 10, wherein when said first speaker is assigned to sound, said controller causes a call incoming tone signal to be fed to said sound amplifier connected to said first speaker and said sound amplifier connected to said second speaker.
16. (Original) The phone as claimed in claim 15, wherein said controller causes a volume of the call incoming signal output from said first speaker to increase stepwise.

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17. (Previously presented) The phone as claimed in claim 1, further comprising:
a radio section for interchanging information with a remote station via an antenna;
a signal processor for executing preselected processing with a signal received via said
radio section or reading data out of said memory to thereby generate a signal corresponding to
said data; and
a digital-to-analog converter for digitizing an output signal of said signal processor and
delivering a resulting digital signal to said controller.